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abandoned; which is a continuation-in-part of U.S. Patent Application Serial No. 07/990,202, filed December 14, 1992, now abandoned; which is a continuation-in-part of U.S. Patent Application Serial No. 07/971,786, filed November 5, 1992, now abandoned.--

Page 6, line 3, please insert -- Ia-- beneath the structure which appears on line 2.

Page 13, line 2, please insert -- Ia-- beneath the structure which appears on line 1.

Please replace the paragraph beginning at page 20, line 18, with the following re-written paragraph:

--B. thuringienesis subsp. kurstaki strain EMCC0086 (NB-75, deposited with the NRRL as B-21147) is fermented for 72 hours at 30°C in a medium comprised of a carbon source such as starch, hydrolyzed starch, or glucose and a nitrogen source such as protein, hydrolyzed protein, or corn steep liquor. The production of Ia is detected at 13 hours into the fermentation. Peak activity is found to be at approximately 30 hours.--

Please replace the paragraph beginning at page 23, line 35, with the following re-written paragraph:

--Ia is found to be stable upon boiling for 5 minutes, but loses all activity upon autoclaving (>190°C). Further, it is stable when subjected to direct sunlight for at least 10 hours. Ia is stable at a pH 2 for 3 days, but unstable at pH 12. It is found to lose all activity when exposed to periodic acid or concentrated HCl.--

Please replace the paragraph beginning at page 36, line 23, with the following re-written paragraph:

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--Samples of 5 ml are taken daily from each of the shake flask cultures and centrifuged to pellet the cells. The supernatants are diluted 2-10 times in streptomycin at a concentration of 0.1 mg per ml of deionized water and then are tested for antifungal activity as described in Section

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7.10.2. Culture samples of those mutants producing the greatest inhibition of fungal growth are then analyzed for the amount of the factor by capillary zone electrophoresis as described in Section 7.10.3. The highest producing mutant from the first mutation is NBB-76.--

Please replace the paragraph beginning at page 39, line 16 with the following re-written

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	Strain	Accession Number	Deposit Date
A5	EMCC0086	NRRL B-21147	October 6, 1993
117	EMCC0087	NRRL B-21148	October 6, 1993
	EMCC0129	NRRL B-21445	May 23, 1995
	EMCC0130	NRRL B-21444	May 23, 1995

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IN THE CLAIMS

Please cancel claims 1-17.

Please add new claim 18 as follows:

Claim 18 (new) A biologically pure culture of a mutant of a Bacillus thuringiensis subsp. kurstaki strain which produces a factor which potentiates the pesticidal activity of a Bacillus related pesticide at least about 1.5 fold,

wherein said Bacillus related pesticide is a Bacillus thuringiensis delta-endotoxin or a pesticidally active fragment thereof and said pesticide targets insects, nematodes, mites or snails,

wherein the amount of the factor produced by the mutant is at least about two times more than the amount of the factor produced by the parent strain,

and wherein said factor has 1H NMR shifts at about δ 1.5, 3.22, 3.29, 3.35, 3.43, 3.58, 3.73, 3.98, 4.07, 4.15, 4.25 and 4.35, and ¹³C shifts at about 31.6, 37.2, 51.1, 53.3, 54.0, 54.4, 61.5, 61.6, 64.1, 65.0, 158.3, 170.7 and 171.3.